



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application: Yakov Kogan et al.
Serial No.: 10/758,354
Filing Date: 01/15/2004
For: MICRO-ELECTRO-MECHANICAL PRESSURE
SENSOR
Group Art Unit: 2855
Examiner: Andre J. Allen
Attorney's Docket No.: AHURA-417

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Commissioner for Patents
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August 30, 2005

(DATE OF DEPOSIT)

Margaret M. Slezak

(NAME OF ATTORNEY)

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(SIGNATURE)

August 30, 2005

(DATE OF SIGNATURE)

Sir:

RESPONSE

This is in response to the Office Action mailed on June 30, 2005 in the above-identified patent application, in which the Examiner indicated that claims 1-9 are generic to a plurality of disclosed patentably distinct species comprising:

Species I. (claims 1-2 and 8) comprises a pressure sensor having "transducer means for measuring the fluid pressure by characterizing the

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effects that the fluid molecules produce on the motion of the structure."

Species II. (claim 3) comprises a pressure sensor having "second transducer means for measuring the fluid pressure by characterizing the effects that the fluid molecules produce on the motion of the structure by converting the capacitance across the first and second electrodes into frequency by including in a tank circuit of an electronic oscillator."

Species III. (claims 4, 6, 7 and 9) comprises a pressure sensor having "second transducer means for measuring the fluid pressure by characterizing the effects that fluid molecules produce on the motion of the structure by optically measuring the distance between the first and second mirrors".


Species IV. (claim 5) comprises a pressure sensor having "second transducer means for tuning the frequency of the voltage applied across the first and second electrodes so as to be substantially twice the mechanical resonance frequency of the structure."

Applicants are required under 35 U.S.C. 121 to elect a single disclosed species.

In response, Applicants hereby elect, without prejudice, to prosecute the invention of Species IV (claim 5).

Applicants expressly reserve the right to prosecute all non-elected subject matter in related applications.

Respectfully submitted,

 8/30/2005

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